

## ABSTRACT OF THE DISCLOSURE

A printer includes laser beam detecting sensors for detecting a laser beams at two positions in the main scanning direction. Write clock generating circuits measure a number of counts of a  
5 predetermined clock during a period since one of the laser beam detecting sensors detects each of the beams until another sensor detects the beam. A write clock frequency adjusting circuit takes the number of counts for one laser beam as a reference value and adjusts write clock frequencies of other laser beams so as to coincide with the  
10 reference value.